Adrian Delmarre
Data-Oriented CS Engineer

WORK EXPERIENCE

✍ | I live in Antibes (France)
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OCTOBER 2015 – PRESENT

Amadeus, Sophia-Antipolis, France

Data Analyst

I conducted or took part in several data mining projects aiming to maximize conversion of customers visits into clients bookings. Skills : Python, R, MongoDB, Scala, Spark, Hadoop

FEBRUARY 2015 – SEPTEMBER 2015

University of Passau, Germany

Fraud Detection

The purpose of the project was to evaluate and improve current techniques for detection of payment fraud. This involved high-volume real-time machine learning issues. Skills : Binary classification, Data balancing, Optimization, R

MAY 2014 – SEPTEMBER 2014

ANEO, Boulogne-Billancourt, France

Social Network Analyst

By examining interpersonal communications (mainly e-mail) as typed graphs using Social Network Analysis techniques, we got a better understanding of the structure of inner and outer-organizational communication. This helped us improving the way information and change could be brought. Skills : R, Social Network Analysis, Organizational Network Analysis

JUNE 2013 – SEPTEMBER 2013

Systar, Lyon, France

NoSQL Backoffice Java Developer

Conception and implementation of a RedoLog. In a NoSQL (column, key-value) bi-temporal database context, the internship objective was to log transactions in a custom binary format, so that we could guarantee platform integrity even after a crash, by replaying transactions in the same exact order. Skills : Java EE, Concurrency programming, NoSQL, Scrum

JANUARY 2012 – MARCH 2012

Pole Azur Provence, Grasse, France

Product Developer

I was asked to design and develop, from scratch, a Sharepoint Workflow management tool. This was made possible by the combination of a desktop user interface and a Windows Service. They were both run on the Sharepoint main server, which involved memory and performance management issues. Skills : Project Management, Sharepoint, C#, WinService

EDUCATION

2013–2015	**CS Master Degree**	*University of Passau, Germany*
2012–2015	**CS Engineer Degree**	*INSA Lyon, France*
2010–2012	**CS Technical Degree (BTS IG)**	*LTP C.Peguy, Marseille, France*
2008–2010	**Bachelor in Epistemology**	*Aix-en-Pce University, France*
2006–2008	**Humanities CPGE**	*Dumont d'Urville, Toulon, France*
2006	**High School Diploma**	*Mathematics, Summa Cum Laude*

MAIN SIDE-PROJECTS

2013   **github.com/halflings/autonomee**
With a few classmates, we've built a little robot-car using the power of Arduino, Raspberry Pi and a couple of motors associated with a bunch of sensors. On top of that, we've also built a desktop and a mobile clients able to control the car remotely (with the ability to automatically avoid obstacles), but also simulated a particle filter: an algorithm that makes it possible to determine the position and orientation of the car even though the sensors are noisy.

COMMUNICATION SKILLS

FRENCH	Native speaker
ENGLISH	Fluent
SPANISH, GERMAN	Oral: fair

COMPUTER SCIENCE SKILLS

GOOD LEVEL	R, Data Modeling
INTERMEDIATE	LaTeX, SQL, C, C++, Python, Java, C#, Git, UML, Machine Learning
BASIC KNOWLEDGE	Scala, HTML/CSS, Javascript